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CLAIMS

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1. (After amendment) A pneumatic-tire-use  
electronic-device fixing system for fixing an electronic  
5 device to be mounted on a pneumatic tire, the  
pneumatic-tire-use electronic-device fixing system  
comprising:

10 an electronic-device housing apparatus, which houses the  
electronic device, and which includes an engaging convex  
portion that is convex; and

15 an electronic-device housing apparatus support, which is  
provided on an inner surface of the pneumatic tire, and  
which includes an engaging concave portion that is  
concave, wherein:

20 at least a part of a surface of the engaging convex portion  
includes a first zigzag region formed in a zigzag;

25 at least a part of a surface of the engaging concave  
portion includes a second zigzag region formed in a zigzag,  
and the second zigzag region engaging with the first  
zigzag region; and

the first zigzag region forms: a sloping portion tapering  
in a direction in which the engaging convex portion is

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inserted into the engaging concave portion; and a pullout suppression portion continuing to the sloping portion and being at an acute angle to a direction in which the engaging convex portion is pulled out from the engaging concave portion.

2. (Deleted)

3. (After amendment) The pneumatic-tire-use electronic-device fixing system according to claim 1, wherein:

the engaging convex portion includes a first insertion hole;

the engaging concave portion includes a second insertion hole communicating with the first insertion hole,

the pneumatic-tire-use electronic-device fixing system further comprising a lock pin to be inserted into the first and second insertion holes which have been made to communicate with each other.

4. (After amendment) The pneumatic-tire-use electronic-device fixing system according to any one of claims 1 and 2, wherein the electronic-device housing apparatus support is a rubber body provided inside the

pneumatic tire inward of an inner liner of the pneumatic tire.

5. (After amendment) The pneumatic-tire-use  
5 electronic-device fixing system according to any one of  
claims 1 to 3, wherein the electronic-device housing  
apparatus support is provided on the pneumatic tire in  
steps of molding and vulcanizing the pneumatic tire.

10 6. (After amendment) A pneumatic tire comprising an  
electronic-device housing apparatus support which  
supports an electronic device housing apparatus having  
an engaging convex portion that is convex, wherein:

15 the electronic-device housing apparatus support is  
provided on an inner surface of the pneumatic tire, and  
includes an engaging concave portion that is concave;

20 at least a part of a surface of the engaging concave  
portion includes a zigzag region formed in a zigzag, the  
zigzag region engaging with the engaging convex portion:  
and

25 the zigzag region forms: a sloping portion tapering in  
a direction in which the engaging convex portion is  
inserted into the engaging concave portion; and a pullout  
suppression portion continuing to the sloping portion,

and being at an acute angle to a direction in which the engaging convex portion is pulled out from the engaging concave portion.

5        7.        (Deleted)

8.        (After amendment) The pneumatic tire according to claim  
6, wherein the electronic-device housing apparatus  
support is a rubber body provided inside the pneumatic  
10        tire inward of an inner liner of the pneumatic tire.

9.        (After amendment) The pneumatic tire according to any one  
of claims 6 and 8, wherein the electronic-device housing  
apparatus support is provided on the pneumatic tire in  
15        steps of molding and vulcanizing the pneumatic tire.

10.       (After amendment) An electronic-device housing apparatus,  
which is supported by an electronic-device housing  
apparatus support including an engaging concave portion  
20        provided on a pneumatic tire, and which houses an  
electronic device to be mounted on the pneumatic tire,  
the electronic-device housing apparatus comprising an  
engaging convex portion that is convex, wherein:

25        at least a part of a surface of the engaging convex portion  
includes a zigzag region formed in a zigzag; and

the zigzag region forms: a sloping portion tapering in a direction in which the engaging convex portion is inserted into the engaging concave portion; and a pullout suppression portion continuing to the sloping portion and being at an acute angle to a direction in which the engaging convex portion is pulled out from the engaging concave portion.

11. (Deleted)

12. (After amendment) The electronic device housing apparatus according to claim 10, wherein:

the engaging convex portion includes a first insertion hole;

the engaging concave portion includes a second insertion hole communicating with the first insertion hole; and

the electronic-device housing apparatus is fixed by a lock pin inserted into the first and second insertion holes which have been made to communicate with each other.

13. (Added) The pneumatic-tire-use electronic-device fixing system according to any one of claims 1 to 5, wherein:

the first zigzag region and the second zigzag region

engage with each other by having the engaging convex portion press-fitted into the engaging concave portion.

14. (Added) The pneumatic tire according to any one of claims  
5 6 to 9, wherein:

at least a part of the surface of the engaging convex portion is formed in a zigzag: and

10 the zigzag region and the engaging convex portion engage with each other by having the engaging convex portion press-fitted into the engaging concave portion.